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A Practical Comparison of N-Body Algorithms - Blelloch, Narlikar (1997) (Correct)  
the Barnes-Hut algorithm, Greengard's Fast **Multipole** Method(FMM)and the F  
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algorithm (Barnes and Hut 1986)the fast **multipole** method (Greengard and R  
method (Greengard and Rokhlin 1987)and the cell **multipole** method (Ding et al.  
threedimensional space into a hierarchical **octree** of cells. At the start of each  
[wag.caltech.edu/home-pages/tahir/thornley1.ps](http://wag.caltech.edu/home-pages/tahir/thornley1.ps)

A New Parallel Kernel-Independent Fast Multipole Method - Ying, Biros, Zorin (2003) (Correct)  
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Abstract. We present a new adaptive fast **multipole** algorithm and its parallel  
and can be extended to the FMM. The hashed **octree** data structures were fir  
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opposed to using a cumulative scheme such as the **multipole** method [1,2]Fig  
Anderson, C. R. An implementation of the fast **multipole** method without **multipoles**  
Managing Flocking Objects with an **Octree** Spanning a Parallel Message-Passing System  
[www.itk.iistu.edu/faculty/portegys/research/ptree-PDPTA03.pdf](http://www.itk.iistu.edu/faculty/portegys/research/ptree-PDPTA03.pdf)

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Phys. Rev. Lett. 73 (1994): Farid F. Abraham, D. Brodbeck, R. A. Rafey, and V

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- ④ ScienceDirect - Journal of Parallel and Distributed Computing :
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- ④ 00825076.pdf
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- ④ "local multipole" "three dimension" - Google Search
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④ singh93parallel.pdf)
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- ④ A Framework for Parallel Tree-Based Scientific Simulations
- ④ icpp,1997 International Conference on Parallel Processing (ICPP '97)
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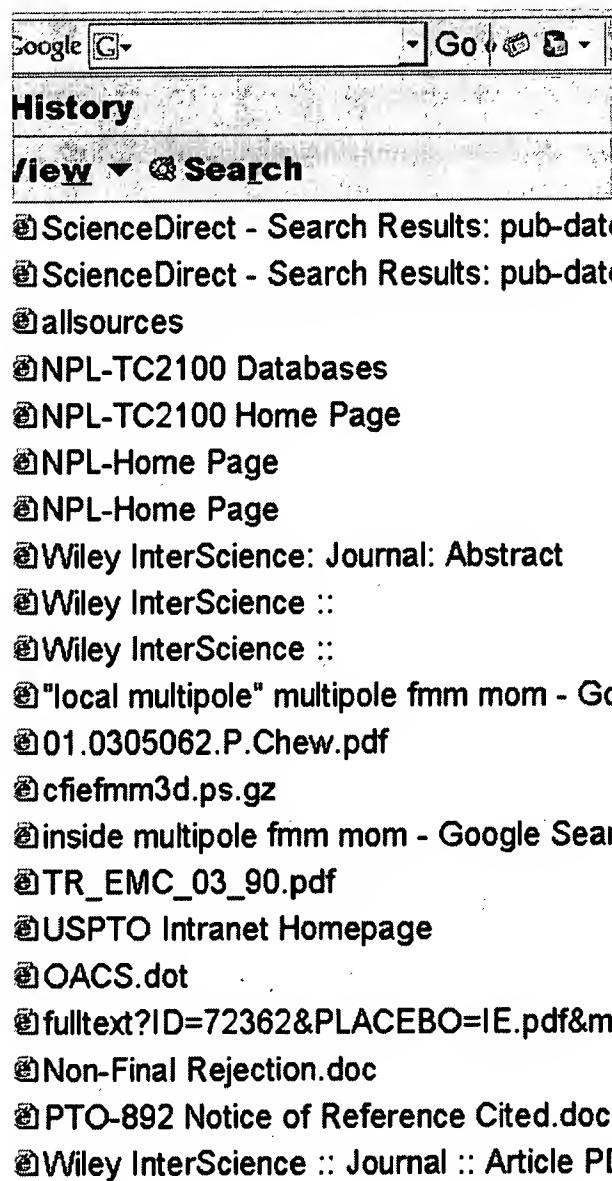
compressed **octree** [28] is built using a recursive decomposition of the domain ... th  
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